

***Massachusetts
HIV/AIDS
Surveillance Program***

Monthly Update

Data as of June 1, 2006

**Massachusetts Department of Public Health
305 South Street, 2nd floor
Boston, MA 02130**

**Visit our web site at
<http://www.mass.gov/dph/cdc/aids/aidsprog.htm>**

Monthly HIV/AIDS Surveillance Reports:

HIV case information is collected on individuals who are HIV- infected, but have not progressed to AIDS. This information is collected from health care providers, using a non-name system. Diagnosis year for HIV identifies when an HIV-infected individual tested confidentially and/or entered medical care; it does not identify when infection occurred nor when an individual first tested positive.

The Massachusetts HIV/AIDS monthly update reports presents persons living with HIV, persons living with AIDS, and living HIV/AIDS cases combined. Individual summary sheets for health service regions of the state have replaced the city and town cumulative case lists provided previously. As of April 1, 2004, the trends page includes cumulative HIV and AIDS cases together for Massachusetts and Boston displayed by year of diagnosed HIV infection. At the present time, data by diagnosis year are only available for cases diagnosed through 2004. The data for diagnosis year 2005 will be available in July 2006. HIV and AIDS cases diagnosed before 1997 are grouped together as “<=1996”.

Prior to September 30, 2004 Pediatric HIV surveillance was maintained through the Pediatric Spectrum of Disease (PSD) Project. In October of 2004, the Massachusetts Department of Public Health HIV/AIDS Surveillance Program (MHASP) assumed the responsibility of monitoring pediatric HIV cases throughout the state, whereas previously, MHASP was only responsible for monitoring pediatric AIDS cases. Over the last several months MHASP has been retrospectively collecting data on existing cases of children (age<13 years at diagnosis) living with HIV (who had not yet developed AIDS) and all newly diagnosed HIV cases. The April 1, 2005 Monthly Update was the first report issued by the MHASP to reflect our pediatric HIV surveillance activities. Please note these pediatric HIV cases are not all newly diagnosed HIV cases, but are a compilation of cases diagnosed throughout the PSD study. For more information about MHASP pediatric HIV surveillance activities, call (617) 983-6572.

MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM

HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

Total Cases Reported In May, 2006	AIDS: 57	HIV: 104
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Massachusetts

	HIV 7,515 * No. %	AIDS 8,803 No. %	HIV/AIDS 16,318 * No. %
RESIDENCE**	7,509	8,803	16,312
HSR Boston	2,442 32.5%	2,870 32.6%	5,312 32.6%
Central	640 8.5%	816 9.3%	1,456 8.9%
MetroWest	925 12.3%	1,097 12.5%	2,022 12.4%
Northeast	1,038 13.8%	1,310 14.9%	2,348 14.4%
Southeast	1,002 13.3%	1,268 14.4%	2,270 13.9%
Western	971 12.9%	935 10.6%	1,906 11.7%
Subtotal	7,018 93.4%	8,296 94.2%	15,314 93.8%
Prisoners***	491 6.5%	507 5.8%	998 6.1%
MODE OF EXPOSURE (adults)	7,338	8,699	16,037
Male Sex w/Male	2,736 37.3%	2,684 30.9%	5,420 33.8%
Injection Drug Use	1,723 23.5%	2,683 30.8%	4,406 27.5%
Male/Male Sex & IDU	215 2.9%	301 3.5%	516 3.2%
Receipt of blood/products	28 0.4%	100 1.1%	128 0.8%
Heterosexual Sex	938 12.8%	1,248 14.3%	2,186 13.6%
Presumed Het-Unk Risk of Prtnr ^{&}	1,222 16.7%	1,224 14.1%	2,446 15.3%
Undetermined/Other	476 6.5%	459 5.3%	935 5.8%
MODE OF EXPOSURE (pediatric)	177	104	281
Mother w/HIV/at risk for HIV	177 100.0%	93 89.4%	270 1.7%
Receipt of blood/products	0 0.0%	8 7.7%	8 0.0%
Undetermined	0 0.0%	3 2.9%	3 0.0%
GENDER	7,515	8,803	16,318
Male	5,191 69.1%	6,416 72.9%	11,607 71.1%
Female	2,324 30.9%	2,387 27.1%	4,711 28.9%
RACE/ETHNICITY	7,515	8,803	16,318
White	3,484 46.4%	3,941 44.8%	7,425 45.5%
Black	1,955 26.0%	2,544 28.9%	4,499 27.6%
Hispanic	1,880 25.0%	2,187 24.8%	4,067 24.9%
Other/Unknown	196 2.6%	131 1.5%	327 2.0%
AGE AT DIAGNOSIS[‡]	7,515	8,803	--
Under 13	181 2.4%	80 0.9%	--
13 - 19	161 2.1%	60 0.7%	--
20 - 29	1,892 25.2%	1,213 13.8%	--
30 - 39	3,162 42.1%	3,981 45.2%	--
40 - 49	1,637 21.8%	2,651 30.1%	--
Over 49	482 6.4%	818 9.3%	--

*Total includes cases with unknown city/town

**These numbers only include residents of Massachusetts. Non-residents diagnosed at a Massachusetts health facility are not included.

HSR = Health Service Region. See <http://www.state.ma.us/dph/ohc/config.htm> for configurations.

***Cases diagnosed while the individual is in a correctional facility.

[&] Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

[‡]HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Boston HSR*	2,442	2,870	5,312
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	2,400	2,838	5,238
Male Sex w/Male	1,261 52.5%	1,159 40.8%	2,420 46.2%
Injection Drug Use	332 13.8%	620 21.8%	952 18.2%
Male/Male Sex & IDU	81 3.4%	95 3.3%	176 3.4%
Receipt of blood/products	7 0.3%	28 1.0%	35 0.7%
Heterosexual Sex	209 8.7%	379 13.4%	588 11.2%
Presumed Het-Unk Risk of Prtnr ^{&}	369 15.4%	408 14.4%	777 14.8%
Undetermined/Other	141 5.9%	149 5.3%	290 5.5%
MODE OF EXPOSURE (pediatric)	42	32	74
Mother w/HIV/at risk for HIV	42 100.0%	30 93.8%	72 1.4%
Receipt of blood/products	0	1 3.1%	1 0.0%
Undetermined	0	1 3.1%	1 0.0%
GENDER	2,442	2,870	5,312
Male	1,854 75.9%	2,192 76.4%	4,046 76.2%
Female	588 24.1%	678 23.6%	1,266 23.8%
RACE/ETHNICITY	2,442	2,870	5,312
White	1,146 46.9%	1,106 38.5%	2,252 42.4%
Black	796 32.6%	1,200 41.8%	1,996 37.6%
Hispanic	435 17.8%	523 18.2%	958 18.0%
Other/Unknown	65 2.7%	41 1.4%	106 2.0%
AGE AT DIAGNOSIS[‡]	2,442	2,870	--
Under 13	43 1.8%	28 1.0%	--
13 - 19	58 2.4%	14 0.5%	--
20 - 29	584 23.9%	406 14.1%	--
30 - 39	1,052 43.1%	1,274 44.4%	--
40 - 49	557 22.8%	875 30.5%	--
Over 49	148 6.1%	273 9.5%	--

*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

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[&]Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

[‡]HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM

HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Central HSR*	640	816	1,456
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	615	804	1,419
Male Sex w/Male	149 24.2%	146 18.2%	295 20.8%
Injection Drug Use	189 30.7%	340 42.3%	529 37.3%
Male/Male Sex & IDU	10 1.6%	30 3.7%	40 2.8%
Receipt of blood/products	5 0.8%	15 1.9%	20 1.4%
Heterosexual Sex	111 18.0%	149 18.5%	260 18.3%
Presumed Het-Unk Risk of Prtnr ^{&}	115 18.7%	102 12.7%	217 15.3%
Undetermined/Other	36 5.9%	22 2.7%	58 4.1%
MODE OF EXPOSURE (pediatric)	25	12	37
Mother w/HIV/at risk for HIV	25 100.0%	11 91.7%	36 2.5%
Receipt of blood/products	0 0.0%	0 0.0%	0 0.0%
Undetermined	0 0.0%	1 8.3%	1 0.1%
GENDER	640	816	1,456
Male	373 58.3%	527 64.6%	900 61.8%
Female	267 41.7%	289 35.4%	556 38.2%
RACE/ETHNICITY	640	816	1,456
White	275 43.0%	376 46.1%	651 44.7%
Black	133 20.8%	156 19.1%	289 19.8%
Hispanic	222 34.7%	273 33.5%	495 34.0%
Other/Unknown	10 1.6%	11 1.3%	21 1.4%
AGE AT DIAGNOSIS[‡]	640	816	--
Under 13	24 3.8%	8 1.0%	--
13 - 19	16 2.5%	5 0.6%	--
20 - 29	168 26.3%	110 13.5%	--
30 - 39	253 39.5%	355 43.5%	--
40 - 49	129 20.2%	248 30.4%	--
Over 49	50 7.8%	90 11.0%	--

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MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
MetroWest HSR*	925	1,097	2,022
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	906	1,083	1,989
Male Sex w/Male	388 42.8%	373 34.4%	761 38.3%
Injection Drug Use	122 13.5%	208 19.2%	330 16.6%
Male/Male Sex & IDU	24 2.6%	37 3.4%	61 3.1%
Receipt of blood/products	7 0.8%	20 1.8%	27 1.4%
Heterosexual Sex	99 10.9%	131 12.1%	230 11.6%
Presumed Het-Unk Risk of Prtnr ^{&}	185 20.4%	234 21.6%	419 21.1%
Undetermined/Other	81 8.9%	80 7.4%	161 8.1%
MODE OF EXPOSURE (pediatric)	19	14	33
Mother w/HIV/at risk for HIV	19 100.0%	10 71.4%	29 1.5%
Receipt of blood/products	0	4 28.6%	4 0.2%
Undetermined	0	0 0.0%	0 0.0%
GENDER	925	1,097	2,022
Male	662 71.6%	783 71.4%	1,445 71.5%
Female	263 28.4%	314 28.6%	577 28.5%
RACE/ETHNICITY	925	1,097	2,022
White	493 53.3%	588 53.6%	1,081 53.5%
Black	300 32.4%	367 33.5%	667 33.0%
Hispanic	103 11.1%	122 11.1%	225 11.1%
Other/Unknown	29 3.1%	20 1.8%	49 2.4%
AGE AT DIAGNOSIS[‡]	925	1,097	--
Under 13	22 2.4%	8 0.7%	--
13 - 19	12 1.3%	12 1.1%	--
20 - 29	245 26.5%	158 14.4%	--
30 - 39	377 40.8%	482 43.9%	--
40 - 49	213 23.0%	325 29.6%	--
Over 49	56 6.1%	112 10.2%	--

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MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Northeast HSR*	1,038	1,310	2,348
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	1,009	1,293	2,302
Male Sex w/Male	324 32.1%	363 28.1%	687 29.8%
Injection Drug Use	218 21.6%	346 26.8%	564 24.5%
Male/Male Sex & IDU	22 2.2%	41 3.2%	63 2.7%
Receipt of blood/products	2 0.2%	12 0.9%	14 0.6%
Heterosexual Sex	144 14.3%	204 15.8%	348 15.1%
Presumed Het-Unk Risk of Prtnr ^{&}	215 21.3%	229 17.7%	444 19.3%
Undetermined/Other	84 8.3%	98 7.6%	182 7.9%
MODE OF EXPOSURE (pediatric)	29	17	46
Mother w/HIV/at risk for HIV	29 100.0%	15 88.2%	44 1.9%
Receipt of blood/products	0	1 5.9%	1 0.0%
Undetermined	0	1 5.9%	1 0.0%
GENDER	1,038	1,310	2,348
Male	662 63.8%	922 70.4%	1,584 67.5%
Female	376 36.2%	388 29.6%	764 32.5%
RACE/ETHNICITY	1,038	1,310	2,348
White	490 47.2%	628 47.9%	1,118 47.6%
Black	214 20.6%	242 18.5%	456 19.4%
Hispanic	287 27.6%	396 30.2%	683 29.1%
Other/Unknown	47 4.5%	44 3.4%	91 3.9%
AGE AT DIAGNOSIS[‡]	1,038	1,310	--
Under 13	30 2.9%	12 0.9%	--
13 - 19	20 1.9%	11 0.8%	--
20 - 29	261 25.1%	196 15.0%	--
30 - 39	435 41.9%	595 45.4%	--
40 - 49	214 20.6%	374 28.5%	--
Over 49	78 7.5%	122 9.3%	--

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[&]Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

[‡]HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Southeast HSR*	1,002	1,268	2,270
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	980	1,251	2,231
Male Sex w/Male	387 39.5%	424 33.9%	811 36.4%
Injection Drug Use	258 26.3%	383 30.6%	641 28.7%
Male/Male Sex & IDU	31 3.2%	38 3.0%	69 3.1%
Receipt of blood/products	3 0.3%	18 1.4%	21 0.9%
Heterosexual Sex	133 13.6%	204 16.3%	337 15.1%
Presumed Het-Unk Risk of Prtnr ^{&}	115 11.7%	121 9.7%	236 10.6%
Undetermined/Other	53 5.4%	63 5.0%	116 5.2%
MODE OF EXPOSURE (pediatric)	22	17	39
Mother w/HIV/at risk for HIV	22 100.0%	15 88.2%	37 1.7%
Receipt of blood/products	0	2 11.8%	2 0.1%
Undetermined	0	0 0.0%	0 0.0%
GENDER	1,002	1,268	2,270
Male	679 67.8%	925 72.9%	1,604 70.7%
Female	323 32.2%	343 27.1%	666 29.3%
RACE/ETHNICITY	1,002	1,268	2,270
White	653 65.2%	823 64.9%	1,476 65.0%
Black	200 20.0%	250 19.7%	450 19.8%
Hispanic	131 13.1%	184 14.5%	315 13.9%
Other/Unknown	18 1.8%	11 0.9%	29 1.3%
AGE AT DIAGNOSIS[‡]	1,002	1,268	--
Under 13	22 2.2%	14 1.1%	--
13 - 19	15 1.5%	3 0.2%	--
20 - 29	225 22.5%	139 11.0%	--
30 - 39	430 42.9%	576 45.4%	--
40 - 49	239 23.9%	405 31.9%	--
Over 49	71 7.1%	131 10.3%	--

*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

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[&]Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

[‡]HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Western HSR*	971	935	1,906
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	931	923	1,854
Male Sex w/Male	192 20.6%	199 21.6%	391 21.1%
Injection Drug Use	281 30.2%	376 40.7%	657 35.4%
Male/Male Sex & IDU	25 2.7%	36 3.9%	61 3.3%
Receipt of blood/products	3 0.3%	7 0.8%	10 0.5%
Heterosexual Sex	201 21.6%	161 17.4%	362 19.5%
Presumed Het-Unk Risk of Prtnr ^{&}	167 17.9%	107 11.6%	274 14.8%
Undetermined/Other	62 6.7%	37 4.0%	99 5.3%
MODE OF EXPOSURE (pediatric)	40	12	52
Mother w/HIV/at risk for HIV	40 100.0%	12 100.0%	52 2.8%
Receipt of blood/products	0	0 0.0%	0 0.0%
Undetermined	0	0 0.0%	0 0.0%
GENDER	971	935	1,906
Male	551 56.7%	623 66.6%	1,174 61.6%
Female	420 43.3%	312 33.4%	732 38.4%
RACE/ETHNICITY	971	935	1,906
White	266 27.4%	281 30.1%	547 28.7%
Black	183 18.8%	183 19.6%	366 19.2%
Hispanic	501 51.6%	469 50.2%	970 50.9%
Other/Unknown	21 2.2%	2 0.2%	23 1.2%
AGE AT DIAGNOSIS[‡]	971	935	--
Under 13	40 4.1%	10 1.1%	--
13 - 19	25 2.6%	9 1.0%	--
20 - 29	231 23.8%	120 12.8%	--
30 - 39	394 40.6%	429 45.9%	--
40 - 49	214 22.0%	286 30.6%	--
Over 49	67 6.9%	81 8.7%	--

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MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM
HIV/AIDS SUMMARY REPORT

ALIVE CASES AS OF JUNE 1, 2006

	HIV	AIDS	HIV/AIDS
Prisoners*	491	507	998
	No. %	No. %	No. %
MODE OF EXPOSURE (adults)	491	507	998
Male Sex w/Male	33 6.7%	20 3.9%	53 5.3%
Injection Drug Use	321 65.4%	410 80.9%	731 73.2%
Male/Male Sex & IDU	22 4.5%	24 4.7%	46 4.6%
Receipt of blood/products	1 0.2%	0 0.0%	1 0.1%
Heterosexual Sex	41 8.4%	20 3.9%	61 6.1%
Presumed Het-Unk Risk of Prtnr ^{&}	55 11.2%	23 4.5%	78 7.8%
Undetermined/Other	18 3.7%	10 2.0%	28 2.8%
MODE OF EXPOSURE (pediatric)	0	0	0
Mother w/HIV/at risk for HIV	0	0	0
Receipt of blood/products	0	0	0
Undetermined	0	0	0
GENDER	491	507	998
Male	407 82.9%	444 87.6%	851 85.3%
Female	84 17.1%	63 12.4%	147 14.7%
RACE/ETHNICITY	491	507	998
White	158 32.2%	139 27.4%	297 29.8%
Black	128 26.1%	146 28.8%	274 27.5%
Hispanic	199 40.5%	220 43.4%	419 42.0%
Other/Unknown	6 1.2%	2 0.4%	8 0.8%
AGE AT DIAGNOSIS[‡]	491	507	--
Under 13	0 0.0%	0 0.0%	--
13 - 19	15 3.1%	6 1.2%	--
20 - 29	175 35.6%	84 16.6%	--
30 - 39	218 44.4%	270 53.3%	--
40 - 49	71 14.5%	138 27.2%	--
Over 49	12 2.4%	9 1.8%	--

*Cases diagnosed while the individual is in a correctional facility.

[&]Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

[‡]HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

Massachusetts HIV/AIDS Surveillance Program

TRENDS IN MASSACHUSETTS HIV AND AIDS BY YEAR OF DIAGNOSIS OF HIV INFECTION[†]

Cumulative Cases reported as of 06/01/2006

HIV Surveillance Began

Mode of Exposure	<=1996 [§]		1997 [§]		1998 [§]		1999		2000		2001		2002		2003		2004		TOTAL*	
Male Sex w/Male	6,782	38.6%	424	29.4%	373	27.4%	373	28.2%	345	29.7%	305	30.4%	330	31.0%	309	33.3%	291	31.0%	9,914	35.7%
Injection Drug Use	6,239	35.5%	473	32.8%	450	33.1%	391	29.5%	247	21.2%	207	20.6%	182	17.1%	143	15.4%	147	15.7%	8,603	31.0%
MSM & IDU	763	4.3%	40	2.8%	47	3.5%	32	2.4%	23	2.0%	25	2.5%	25	2.4%	24	2.6%	16	1.7%	1,014	3.7%
Rec. of blood/prod.	369	2.1%	13	0.9%	13	1.0%	4	0.3%	9	0.8%	4	0.4%	3	0.3%	4	0.4%	4	0.4%	424	1.5%
Heterosexual	1,653	9.4%	202	14.0%	182	13.4%	198	15.0%	191	16.4%	157	15.7%	168	15.8%	108	11.6%	106	11.3%	3,054	11.0%
Sex w/IDU	871	5.0%	78	5.4%	81	6.0%	68	5.1%	72	6.2%	48	4.8%	61	5.7%	38	4.1%	34	3.6%	1,380	5.0%
Sex w/Bi Male	41	0.2%	0	0.0%	2	0.1%	4	0.3%	5	0.4%	2	0.2%	3	0.3%	0	0.0%	1	0.1%	60	0.2%
Sex w/bld/prdt recip.	36	0.2%	3	0.2%	1	0.1%	1	0.1%	2	0.2%	1	0.1%	3	0.3%	0	0.0%	1	0.1%	48	0.2%
Sex w/HIV/AIDS	705	4.0%	121	8.4%	98	7.2%	125	9.4%	112	9.6%	106	10.6%	101	9.5%	70	7.5%	70	7.5%	1,566	5.6%
Undetermined/Other	1,427	8.1%	273	18.9%	284	20.9%	313	23.6%	338	29.1%	301	30.0%	346	32.5%	330	35.5%	366	39.0%	4,312	15.5%
Presumed Hetero-Unk risk of partner**	924	5.3%	198	13.7%	217	16.0%	250	18.9%	266	22.9%	221	22.0%	252	23.7%	212	22.8%	218	23.2%	2,970	10.7%
Undetermined/Other***	503	2.9%	75	5.2%	67	4.9%	63	4.8%	72	6.2%	80	8.0%	94	8.8%	118	12.7%	148	15.8%	1,342	4.8%
Pediatric	340	1.9%	17	1.2%	11	0.8%	13	1.0%	10	0.9%	4	0.4%	9	0.8%	11	1.2%	8	0.9%	425	1.5%
TOTAL (% of total)	17,573	63.3%	1,442	5.2%	1,360	4.9%	1,324	4.8%	1,163	4.2%	1,003	3.6%	1,063	3.8%	929	3.3%	938	3.4%	27,746	100.0%

TRENDS IN BOSTON HIV AND AIDS BY YEAR OF DIAGNOSIS OF HIV INFECTION[†]

Cumulative Cases reported as of 06/01/2006 (Individuals reported from correctional facilities not included)

HIV Surveillance Began

Mode of Exposure	<=1996 [§]		1997 [§]		1998 [§]		1999		2000		2001		2002		2003		2004		TOTAL*	
Male Sex w/Male	2,837	50.3%	162	40.7%	145	35.3%	126	37.0%	123	37.2%	121	41.9%	132	41.4%	115	40.6%	112	42.4%	4,036	47.1%
Injection Drug Use	1,468	26.0%	87	21.9%	98	23.8%	69	20.2%	51	15.4%	41	14.2%	39	12.2%	35	12.4%	23	8.7%	1,939	22.6%
MSM & IDU	246	4.4%	15	3.8%	16	3.9%	10	2.9%	5	1.5%	4	1.4%	11	3.4%	5	1.8%	6	2.3%	321	3.7%
Rec. of blood/prod.	69	1.2%	5	1.3%	6	1.5%	4	1.2%	1	0.3%	1	0.3%	1	0.3%	0	0.0%	1	0.4%	88	1.0%
Heterosexual	427	7.6%	52	13.1%	55	13.4%	50	14.7%	44	13.3%	32	11.1%	51	16.0%	28	9.9%	16	6.1%	772	9.0%
Sex w/IDU	188	3.3%	18	4.5%	18	4.4%	10	2.9%	16	4.8%	9	3.1%	15	4.7%	10	3.5%	5	1.9%	290	3.4%
Sex w/Bi Male	7	0.1%	0	0.0%	0	0.0%	2	0.6%	1	0.3%	1	0.3%	1	0.3%	0	0.0%	0	0.0%	12	0.1%
Sex w/bld/prdt recip.	3	0.1%	1	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	0.6%	0	0.0%	0	0.0%	6	0.1%
Sex w/HIV/AIDS	229	4.1%	33	8.3%	37	9.0%	38	11.1%	27	8.2%	22	7.6%	33	10.3%	18	6.4%	11	4.2%	464	5.4%
Undetermined/Other	501	8.9%	76	19.1%	89	21.7%	80	23.5%	106	32.0%	90	31.1%	83	26.0%	97	34.3%	104	39.4%	1,305	15.2%
Presumed Hetero-Unk risk of partner**	343	6.1%	55	13.8%	73	17.8%	65	19.1%	83	25.1%	66	22.8%	59	18.5%	61	21.6%	58	22.0%	908	10.6%
Undetermined/Other***	158	2.8%	21	5.3%	16	3.9%	15	4.4%	23	6.9%	24	8.3%	24	7.5%	36	12.7%	46	17.4%	397	4.6%
Pediatric	89	1.6%	1	0.3%	2	0.5%	2	0.6%	1	0.3%	0	0.0%	2	0.6%	3	1.1%	2	0.8%	103	1.2%
TOTAL (% of total)	5,637	65.8%	398	4.6%	411	4.8%	341	4.0%	331	3.9%	289	3.4%	319	3.7%	283	3.3%	264	3.1%	8,564	100.0%

[†] Reflects year of first reported diagnosis(which may not reflect first actual diagnosis) for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis

[§] Includes individuals diagnosed with AIDS, as well as individuals previously diagnosed with HIV infection (non-AIDS) who were alive and in care on January 1, 1999

*Row totals include cases diagnosed in 2005 & 2006.

** Risk of partner unknown and primary risks denied; definition revised 7/1/99.

***Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

Massachusetts HIV/AIDS Surveillanc Program

TRENDS IN MASSACHUSETTS AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 06/01/2006

Mode of Exposure	<=1996		1997		1998		1999		2000		2001		2002		2003		2004		TOTAL*	
Male Sex w/Male	5,455	41.1%	243	26.5%	253	26.2%	232	25.0%	174	22.4%	166	23.8%	164	24.8%	128	23.0%	145	25.0%	7,121	35.8%
Injection Drug Use	4,534	34.2%	366	40.0%	348	36.1%	369	39.8%	263	33.8%	206	29.5%	184	27.8%	157	28.2%	140	24.1%	6,679	33.6%
MSM & IDU	585	4.4%	35	3.8%	31	3.2%	27	2.9%	16	2.1%	27	3.9%	22	3.3%	14	2.5%	17	2.9%	791	4.0%
Rec. of blood/prod.	345	2.6%	12	1.3%	13	1.3%	3	0.3%	6	0.8%	5	0.7%	3	0.5%	2	0.4%	5	0.9%	394	2.0%
Heterosexual	1,152	8.7%	122	13.3%	126	13.1%	117	12.6%	132	17.0%	108	15.5%	104	15.7%	88	15.8%	68	11.7%	2,091	10.5%
Sex w/IDU	579	4.4%	45	4.9%	52	5.4%	48	5.2%	56	7.2%	36	5.2%	37	5.6%	32	5.8%	26	4.5%	935	4.7%
Sex w/Bi Male	35	0.3%	1	0.1%	2	0.2%	0	0.0%	2	0.3%	0	0.0%	1	0.2%	1	0.2%	2	0.3%	44	0.2%
Sex w/bld/prdt recip.	31	0.2%	2	0.2%	1	0.1%	1	0.1%	2	0.3%	0	0.0%	2	0.3%	1	0.2%	0	0.0%	41	0.2%
Sex w/HIV/AIDS	507	3.8%	74	8.1%	71	7.4%	68	7.3%	72	9.3%	72	10.3%	64	9.7%	54	9.7%	40	6.9%	1,071	5.4%
Undetermined/Other	986	7.4%	129	14.1%	190	19.7%	178	19.2%	183	23.5%	177	25.4%	181	27.4%	159	28.6%	202	34.8%	2,566	12.9%
Presumed Hetero-Unk risk of partner**	594	4.5%	80	8.7%	140	14.5%	152	16.4%	150	19.3%	133	19.1%	130	19.7%	101	18.2%	124	21.4%	1,718	8.6%
Undetermined/Other***	392	3.0%	49	5.3%	50	5.2%	26	2.8%	33	4.2%	44	6.3%	51	7.7%	58	10.4%	78	13.4%	848	4.3%
Pediatric	202	1.5%	9	1.0%	4	0.4%	2	0.2%	4	0.5%	9	1.3%	3	0.5%	8	1.4%	3	0.5%	248	1.2%
TOTAL (% of total)	13,259	66.7%	916	4.6%	965	4.9%	928	4.7%	778	3.9%	698	3.5%	661	3.3%	556	2.8%	580	2.9%	19,890	100.0%

TRENDS IN BOSTON AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 06/01/2006 &

Mode of Exposure	<=1996		1997		1998		1999		2000		2001		2002		2003		2004		TOTAL*	
Male Sex w/Male	2,301	51.0%	88	36.1%	100	34.2%	75	34.9%	66	31.3%	53	30.5%	58	31.4%	40	23.8%	43	30.3%	2,884	45.9%
Injection Drug Use	1,168	25.9%	66	27.0%	77	26.4%	58	27.0%	47	22.3%	41	23.6%	40	21.6%	48	28.6%	26	18.3%	1,589	25.3%
MSM & IDU	195	4.3%	5	2.0%	6	2.1%	5	2.3%	4	1.9%	8	4.6%	4	2.2%	5	3.0%	6	4.2%	240	3.8%
Rec. of blood/prod.	67	1.5%	3	1.2%	5	1.7%	3	1.4%	0	0.0%	1	0.6%	1	0.5%	0	0.0%	1	0.7%	81	1.3%
Heterosexual	330	7.3%	45	18.4%	39	13.4%	28	13.0%	32	15.2%	20	11.5%	33	17.8%	23	13.7%	20	14.1%	582	9.3%
Sex w/IDU	148	3.3%	12	4.9%	11	3.8%	6	2.8%	12	5.7%	4	2.3%	10	5.4%	7	4.2%	8	5.6%	220	3.5%
Sex w/Bi Male	4	0.1%	1	0.4%	0	0.0%	0	0.0%	1	0.5%	0	0.0%	1	0.5%	0	0.0%	1	0.7%	8	0.1%
Sex w/bld/prdt recip.	3	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	1.1%	0	0.0%	0	0.0%	5	0.1%
Sex w/HIV/AIDS	175	3.9%	32	13.1%	28	9.6%	22	10.2%	19	9.0%	16	9.2%	20	10.8%	16	9.5%	11	7.7%	349	5.6%
Undetermined/Other	391	8.7%	37	15.2%	64	21.9%	46	21.4%	61	28.9%	50	28.7%	48	25.9%	52	31.0%	46	32.4%	838	13.3%
Presumed Hetero-Unk risk of partner**	259	5.7%	23	9.4%	52	17.8%	41	19.1%	47	22.3%	37	21.3%	35	18.9%	32	19.0%	20	14.1%	573	9.1%
Undetermined/Other***	132	2.9%	14	5.7%	12	4.1%	5	2.3%	14	6.6%	13	7.5%	13	7.0%	20	11.9%	26	18.3%	265	4.2%
Pediatric	59	1.3%	0	0.0%	1	0.3%	0	0.0%	1	0.5%	1	0.6%	1	0.5%	0	0.0%	0	0.0%	66	1.1%
TOTAL (% of total)	4,511	71.8%	244	3.9%	292	4.6%	215	3.4%	211	3.4%	174	2.8%	185	2.9%	168	2.7%	142	2.3%	6,280	100.0%

*Row totals include cases diagnosed in 2005 & 2006.

** Risk of partner unknown and primary risks denied; definition revised 7/1/99.

***Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

& Boston Cases do not include prisoners.

Massachusetts HIV/AIDS Surveillance Program
Massachusetts HIV and AIDS By Gender and Race/Ethnicity

Alive Cases as of 06/01/06

MALES

HIV

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Male Sex w/Male	2,034	72.7%	287	26.6%	355	29.7%	2,736	52.7%
Injection Drug Use (IDU)	340	12.2%	251	23.3%	510	42.7%	1,112	21.4%
Male/Male Sex & IDU	135	4.8%	39	3.6%	40	3.4%	215	4.1%
Receipt of blood/products	13	0.5%	4	0.4%	3	0.3%	20	0.4%
Heterosexual:	56	2.0%	101	9.4%	87	7.3%	251	4.8%
Sex w/IDU	21	0.8%	27	2.5%	25	2.1%	75	1.4%
Sex w/recpt of bld/prdts.	1	0.0%	0	0.0%	2	0.2%	3	0.1%
Sex w/HIV/AIDS	34	1.2%	74	6.9%	60	5.0%	173	3.3%
Undetermined:	201	7.2%	354	32.9%	165	13.8%	763	14.7%
Presumed Het-Unk Risk of Prtnr**	110	3.9%	238	22.1%	97	8.1%	467	9.0%
Undetermined/Other***	91	3.3%	116	10.8%	68	5.7%	296	5.7%
Pediatric	18	0.6%	41	3.8%	34	2.8%	94	1.8%
Total HIV Male (% of all cases)	2,797	53.9%	1,077	20.7%	1,194	23.0%	5,191	100.0%

AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Male Sex w/Male	1,981	61.4%	349	22.5%	305	19.9%	2,684	41.8%
Injection Drug Use (IDU)	631	19.5%	462	29.8%	776	50.5%	1,874	29.2%
Male/Male Sex & IDU	178	5.5%	60	3.9%	61	4.0%	301	4.7%
Receipt of blood/products	51	1.6%	4	0.3%	6	0.4%	62	1.0%
Heterosexual:	90	2.8%	176	11.4%	140	9.1%	413	6.4%
Sex w/IDU	37	1.1%	32	2.1%	36	2.3%	105	1.6%
Sex w/recpt of bld/prdts.	2	0.1%	2	0.1%	0	0.0%	4	0.1%
Sex w/HIV/AIDS	51	1.6%	142	9.2%	104	6.8%	304	4.7%
Undetermined:	285	8.8%	475	30.7%	223	14.5%	1,021	15.9%
Presumed Het-Unk Risk of Prtnr**	158	4.9%	339	21.9%	161	10.5%	680	10.6%
Undetermined/Other***	127	3.9%	136	8.8%	62	4.0%	341	5.3%
Pediatric	13	0.4%	23	1.5%	25	1.6%	61	1.0%
Total AIDS Male (% of all cases)	3,229	50.3%	1,549	24.1%	1,536	23.9%	6,416	100.0%

HIV/AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Male Sex w/Male	4,015	66.6%	636	24.2%	660	24.2%	5,420	46.7%
Injection Drug Use (IDU)	971	16.1%	713	27.2%	1,286	47.1%	2,986	25.7%
Male/Male Sex & IDU	313	5.2%	99	3.8%	101	3.7%	516	4.4%
Receipt of blood/products	64	1.1%	8	0.3%	9	0.3%	82	0.7%
Heterosexual:	146	2.4%	277	10.5%	227	8.3%	664	5.7%
Sex w/IDU	58	1.0%	59	2.2%	61	2.2%	180	1.6%
Sex w/recpt of bld/prdts.	3	0.0%	2	0.1%	2	0.1%	7	0.1%
Sex w/HIV/AIDS	85	1.4%	216	8.2%	164	6.0%	477	4.1%
Undetermined:	486	8.1%	829	31.6%	388	14.2%	1,784	15.4%
Presumed Het-Unk Risk of Prtnr**	268	4.4%	577	22.0%	258	9.5%	1,147	9.9%
Undetermined/Other***	218	3.6%	252	9.6%	130	4.8%	637	5.5%
Pediatric	31	0.5%	64	2.4%	59	2.2%	155	1.3%
Total HIV/AIDS Male (% of all cases)	6,026	51.9%	2,626	22.6%	2,730	23.5%	11,607	100.0%

*Row totals include other race/ethnicities and cases whose race/ethnicity is unknown.

**Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

***Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

Massachusetts HIV and AIDS By Gender and Race/Ethnicity

Alive Cases as of 06/01/06

FEMALES

HIV

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Injection Drug Use (IDU)	311	45.3%	130	14.8%	162	23.6%	611	26.3%
Receipt of blood/products	3	0.4%	4	0.5%	1	0.1%	8	0.3%
Heterosexual:	190	27.7%	196	22.3%	280	40.8%	687	29.6%
Sex w/IDU	105	15.3%	71	8.1%	173	25.2%	357	15.4%
Sex W/Bi Male	7	1.0%	3	0.3%	6	0.9%	16	0.7%
Sex w/recpt of bld/prdts.	1	0.1%	1	0.1%	2	0.3%	4	0.2%
Sex w/HIV/AIDS	77	11.2%	121	13.8%	99	14.4%	310	13.3%
Undetermined:	162	23.6%	522	59.5%	209	30.5%	935	40.2%
Presumed Het-Unk Risk of Prtnr**	130	18.9%	431	49.1%	170	24.8%	755	32.5%
Other Undetermined***	32	4.7%	91	10.4%	39	5.7%	180	7.7%
Pediatric	21	3.1%	26	3.0%	34	5.0%	83	3.6%
Total HIV (% of all cases)	687	29.6%	878	37.8%	686	29.5%	2,324	100.0%

AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Injection Drug Use (IDU)	383	53.8%	202	20.3%	218	33.5%	809	33.9%
Receipt of blood/products	13	1.8%	14	1.4%	9	1.4%	38	1.6%
Heterosexual:	201	28.2%	332	33.4%	288	44.2%	835	35.0%
Sex w/IDU	105	14.7%	102	10.3%	175	26.9%	383	16.0%
Sex W/Bi Male	9	1.3%	8	0.8%	2	0.3%	19	0.8%
Sex w/recpt of bld/prdts.	7	1.0%	6	0.6%	0	0.0%	14	0.6%
Sex w/HIV/AIDS	80	11.2%	216	21.7%	111	17.1%	419	17.6%
Undetermined:	102	14.3%	427	42.9%	126	19.4%	662	27.7%
Presumed Het-Unk Risk of Prtnr**	80	11.2%	361	36.3%	99	15.2%	544	22.8%
Other Undetermined***	22	3.1%	66	6.6%	27	4.1%	118	4.9%
Pediatric	13	1.8%	20	2.0%	10	1.5%	43	1.8%
Total AIDS (% of all cases)	712	29.8%	995	41.7%	651	27.3%	2,387	100.0%

HIV/AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*	
	No.	%	No.	%	No.	%	No.	%
Injection Drug Use (IDU)	694	49.6%	332	17.7%	380	28.4%	1,420	30.1%
Receipt of blood/products	16	1.1%	18	1.0%	10	0.7%	46	1.0%
Heterosexual:	391	27.9%	528	28.2%	568	42.5%	1,522	32.3%
Sex w/IDU	210	15.0%	173	9.2%	348	26.0%	740	15.7%
Sex W/Bi Male	16	1.1%	11	0.6%	8	0.6%	35	0.7%
Sex w/recpt of bld/prdts.	8	0.6%	7	0.4%	2	0.1%	18	0.4%
Sex w/HIV/AIDS	157	11.2%	337	18.0%	210	15.7%	729	15.5%
Undetermined:	264	18.9%	949	50.7%	335	25.1%	1,597	33.9%
Presumed Het-Unk Risk of Prtnr**	210	15.0%	792	42.3%	269	20.1%	1,299	27.6%
Other Undetermined***	54	3.9%	157	8.4%	66	4.9%	298	6.3%
Pediatric	34	2.4%	46	2.5%	44	3.3%	126	2.7%
Total HIV/AIDS (% of all cases)	1,399	29.7%	1,873	39.8%	1,337	28.4%	4,711	100.0%

*Row totals include other race/ethnicities and cases whose race/ethnicity is unknown.

**Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

***Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

Massachusetts HIV/AIDS Surveillance Program
MASSACHUSETTS HIV/AIDS Cases by County

ALIVE CASES AS OF JUNE 1, 2006

COUNTY*	Population	HIV		AIDS		HIV/AIDS		Alive Case Rate**
		No.	%	No.	%	No.	%	No.
Barnstable	<i>222,230</i>	262	<i>3.7%</i>	303	<i>3.7%</i>	565	<i>3.7%</i>	254
Berkshire	<i>134,953</i>	46	<i>0.7%</i>	39	<i>0.5%</i>	85	<i>0.6%</i>	63
Bristol	<i>534,678</i>	439	<i>6.3%</i>	593	<i>7.1%</i>	1,032	<i>6.7%</i>	193
Essex	<i>723,419</i>	523	<i>7.5%</i>	739	<i>8.9%</i>	1,262	<i>8.2%</i>	174
Franklin	<i>71,535</i>	28	<i>0.4%</i>	28	<i>0.3%</i>	56	<i>0.4%</i>	78
Hampden	<i>456,228</i>	846	<i>12.1%</i>	804	<i>9.7%</i>	1,650	<i>10.8%</i>	362
Hampshire	<i>152,251</i>	49	<i>0.7%</i>	64	<i>0.8%</i>	113	<i>0.7%</i>	74
Islands***	<i>24,507</i>	25	<i>0.4%</i>	20	<i>0.2%</i>	45	<i>0.3%</i>	184
Middlesex	<i>1,465,396</i>	1,191	<i>17.0%</i>	1,348	<i>16.2%</i>	2,539	<i>16.6%</i>	173
Norfolk	<i>650,308</i>	332	<i>4.7%</i>	370	<i>4.5%</i>	702	<i>4.6%</i>	108
Plymouth	<i>472,822</i>	268	<i>3.8%</i>	345	<i>4.2%</i>	613	<i>4.0%</i>	130
Suffolk	<i>689,807</i>	2,380	<i>33.9%</i>	2,827	<i>34.1%</i>	5,207	<i>34.0%</i>	755
Worcester	<i>750,963</i>	629	<i>9.0%</i>	816	<i>9.8%</i>	1,445	<i>9.4%</i>	192
Total	<i>6,349,097</i>	7,018	<i>100.0%</i>	8,296	<i>100.0%</i>	15,314	<i>100.0%</i>	241

* Persons diagnosed while in MA prisons or residing in unidentified locations are not included.

** Per 100,000 -- 2000 US Census (MassCHIP)

***Islands=Dukes + Nantucket Counties